

## Interim Street Tree Planting Standards and Recommended Tree List

**Spacing Standards:** When selecting an appropriate tree type to be planted along City streets, remember the following:

Trees can only be planted along City streets when there is a curbed roadway and the planting strip area is at least 5 feet wide (5-1/2 feet measured from the face of the curb).

Only choose small-scale street trees when planting under power lines.

Plant all small-scale trees between 20 and 25 feet apart (measured from the center of the tree). Plant all upright or columnar trees between 15 and 25 feet apart. Plant all medium-scale trees between 25 and 35 feet apart.

Trees must be planted a minimum of:

- 3-1/2 feet back from the face of the curb
- 5 feet from utility lines
- 10 feet from power poles
- 7-1/2 feet from driveways
- 20 feet from street lights or other existing tree
- 30 feet from an intersection

**List of Recommended Trees:** The lists are broken into the following categories in consideration of site conditions.

- **Small Trees:** Appropriate Under Lower Powerlines  
Good For Planting Strips With Limited Space
- **Small/Medium Trees:** Appropriate Under Higher Power Lines  
(management required to maintain clearance under lower power lines)  
Good For Standard 5' Planting Strips
- **Medium/Large Trees:** Not Appropriate Under Wires  
Approved For Planting Strips 5' or larger  
(Wider planting strips recommended where space allows)
- **Large Trees:** Not Appropriate Under Wires  
Good for Planting Strips Greater Than 5'

**Small Trees:** Appropriate Under Lower Powerlines  
Good For Planting Strips With Limited Space

| Botanical name<br>Common Name   | Height<br>in feet | Spread<br>in feet | Flowers   | Fall Color          | Comments/Notes   |
|---|-------------------|-------------------|-----------|---------------------|--|
| <i>Acer ginnala</i><br>'Flame'<br>Amur Maple                            | 20                | 20                |           | red                 | Select or prune for single stem; can be multi-trunked. |
| <i>Acer grandidentatum</i><br>'Schmidt'<br>Rocky Mt. Glow Maple         | 25+               | 15                |           | intense red         |  |
| <i>Acer griseum</i><br>Paperbark Maple                                  | 25                | 20                |           |                     | Smooth, peeling, cinnamon colored bark.                |
| <i>Acer palmatum</i><br>Japanese Maple                                  | 20                | 24                | small red | yellow, orange, red | Hundreds of varied cultivars. Can be slow growing.     |
| <i>Acer platanoides</i><br>'Globosum'<br>Globe Norway Maple             | 20                | 18                |           | yellow              | Rounded top, and compact growth.                       |
| <i>Amelanchier grandiflora</i><br>'Princess Diana'                      | 20                | 15                | white     | bright red          | Good for limited space.                                |
| <i>Amelanchier x grandiflora</i><br>'Autumn Brilliance'<br>Serviceberry | 20                | 15                | white     | bright red          | Reliable bloom.  |
| <i>Cercis canadensis</i><br>Eastern Redbud                              | 25                | 30                | red       | yellow              | Blooms before leaves are out.                          |
| <i>Cornus kousa</i><br>'Chinensis'<br>Chinese Kousa Dogwood             | 20                | 20                | white     | reddish to scarlet  | Most resistant to disease of the dogwoods.             |

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| <i>Fraxinus pennsylvanica</i><br>'Johnson'<br><br>Leprechaun Ash | 18 | 16 |                  | yellow              | A miniature in every way.                              |
| <i>Magnolia x loebneri</i>                                       | 20 | 20 | large white      | yellow              | Several cultivars.                                     |
| <i>Magnolia grandiflora</i> 'Little Gem'                         | 15 | 10 | white            | evergreen           | Useful where larger varieties are inappropriate.       |
| <i>Malus</i><br>'Adirondack'                                     | 18 | 10 | white            |                     | Red fruit. Excellent scab resistance.                  |
| <i>Malus</i> 'Red Barron'  | 18 | 8  | red              | yellow              | Good for narrow spaces. Red berries.                   |
| <i>Malus</i> 'Golden Raindrops'                                  | 18 | 13 | white            | yellow              | Abundant yellow fruit.                                 |
| <i>Parrotia persica</i><br><br>Persian Parrotia                  | 30 | 20 | Showy Stamens    | Yellow - orange red | Select or prune for single stem; can be multi-trunked. |
| <i>Prunus</i><br>'Frankthrees'<br><br>Mt. St. Helens Plum        | 20 | 20 | pink             |                     | Purple foliage.  |
| <i>Prunus</i> 'Newport'<br><br>Newport Plum                      | 20 | 20 | light pink       | reddish             | Purple red foliage.                                    |
| <i>Prunus cerasifera</i><br>'Krauter Vesuvius'<br>Flowering Plum | 30 | 15 | pink             |                     | Upright growth, darkest foliage of the plums.          |
| <i>Prunus</i><br>'Snowgoose'<br><br>Snow Goose Cherry            | 20 | 20 | white            |                     | Upright when young, spreading when older.              |
| <i>Prunus serrulata</i><br>'Amanogawa'<br><br>Flowering Cherry   | 20 | 6  | pale pink double | bronze              | Particularly useful for very narrow planting strips.   |

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| <i>Prunus x yedoensis</i><br>'Akebono' | 25 | 25 | pink | yellow |  |
| Flowering Cherry                       |    |    |      |        |  |

**Small/Medium Trees:** Appropriate Under Higher Power Lines  
 (management required to maintain clearance under lower power lines)  
 Good For Standard 5' Planting Strips

| Botanical name<br>Common Name   | Height<br>in feet | Spread<br>in feet | Flowers        | Fall Color            | Comments/Notes   |
|---|-------------------|-------------------|----------------|-----------------------|--|
| <i>Acer campestre</i><br>Hedge Maple  | 30                | 30                |                | yellow                |  |
| <i>Acer campestre</i><br>'Evelyn' Queen<br>Elizabeth Maple                                | 35                | 30                |                | yellow                | More upright<br>branching than the<br>species.   |
| <i>Acer truncatum</i> x<br><i>A. platanoides</i><br>'Kiethsform'<br>Norwegian Sunset      | 35                | 25                | yellow         | yellow-<br>orange/red |  |
| <i>Acer truncatum</i> x<br><i>A. platanoides</i><br>'Warren's Red'<br>Pacific Sunset      | 30                | 25                | yellow         | yellow-<br>orange/red |  |
| <i>Arbutus</i> 'Marina'   | 25                | 15                | pink           | evergreen             | Good substitute for<br>Pacific Madrone.<br>May exceed 25'<br>height under some<br>site conditions. |
| <i>Crataegus crus-</i><br><i>galli</i> 'Inermis'<br><br>Thornless<br>Cockspur<br>Hawthorn | 25                | 30                | small<br>white | Orange to<br>scarlet  | Red persistent fruit.  |

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| <i>Crataegus x lavalii</i><br>Lavalle Hawthorne                        | 28 | 20 | small<br>white   | bronze            | Thorns on younger<br>trees.                            |
| <i>Crataegus<br/>phaenopyrum</i><br><br>Washington<br>Hawthorn         | 25 | 20 | small<br>white   | scarlet           | Thorny.  |
| <i>Koelreuteria<br/>paniculata</i><br><br>Goldenrain Tree              | 30 | 30 | bright<br>yellow | yellow            | Midsummer<br>blooming.                                 |
| <i>Magnolia<br/>grandiflora</i><br>‘Victoria’                          | 25 | 20 | White            | evergreen         |  |
| <i>Malus</i><br>‘Tschonoskii’  | 28 | 14 | White            | scarlet           | Sparse green fruit,<br>pyramidal.                      |
| <i>Prunus x hillieri</i><br>‘Spire’                                    | 30 | 10 | pink             | orange red        |  |
| <i>Pyrus calleryana</i><br>‘Capital’<br><br>Pear                       | 35 | 12 | White            | reddish<br>purple | Smaller than<br>‘Aristocrat’, may<br>break up in snow. |
| <i>Pyrus calleryana</i><br>‘Aristocrat’ Pear                           | 40 | 45 | White            | red               |  |
| <i>Pyrus calleryana</i><br>‘Redspire’<br><br>Pear                      | 35 | 25 | White            | yellow to<br>red  | Pyramidal.   |
| <i>Pyrus calleryana</i><br>‘Autumn Blaze’<br>Pear                      | 30 | 25 | White            | scarlet           | Vigorous.  |
| <i>Sorbus aucuparia</i><br>‘Mitchred’<br><br>Cardinal Royal Mt.<br>Ash | 35 | 20 | white            | rust              | Bright red berries.                                    |
| <i>Sorbus x hybridia</i><br><br>Cardinal Royal Mt.<br>Ash              | 30 | 20 | white            | rust              |  |

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|---|----|----|-------|--------|---|
| Ash   |    |    |       |        |   |
| <i>Styrax japonica</i><br>Japanese Snowbell | 25 | 25 | white | yellow | Plentiful, green 1/2" seeds.              |
| <i>Tilia cordata</i> 'De Groot'<br>Linden   | 30 | 20 |       | yellow | Compact, suckers less than other Lindens. |

**Medium/Large Trees:** Not Appropriate Under Wires  
Approved For Planting Strips 5' or larger  
(Wider planting strips recommended where space allows)

| Botanical name<br>Common Name                              | Height<br>in feet | Spread<br>in feet | Flowers | Fall Color       | Comments/Notes           |
|--|-------------------|-------------------|---------|------------------|--------------------------|
| <i>Acer freemanii</i><br>Autumn Blaze Maple                | 50                | 40                |         | orange           |                          |
| <i>Acer nigrum</i><br>'Green Column'<br>Green Column Maple | 50                | 20                |         | yellow to orange | Good close to buildings. |
| <i>Acer platanoides</i><br>'Columnar'                      | 40                | 15                |         | yellow           | Good close to buildings. |
| <i>Acer platanoides</i><br>'Emerald Queen'                 | 50                | 40                | yellow  | yellow           |                          |
| <i>Acer platanoides</i><br>'Parkway'                       | 40                | 25                | yellow  | yellow           |                          |
| <i>Acer rubrum</i><br>'Bowhall'                            | 40                | 15                |         | yellow orange    |                          |

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| Bowhall Maple  |       |    |                         |                  |   |
| <i>Acer rubrum</i><br>'Karpick'<br><br>Karpick Maple                       | 35-40 | 20 |                         | yellow to orange | May work under very high powerlines with arborist's approval. |
| <i>Acer rubrum</i><br>'Scarsen'<br><br>Scarlet Sentinel Maple              | 40    | 20 |                         | yellow orange    |   |
| <i>Acer pseudoplatanus</i><br>'Atropurpureum'<br><br>Spaethii Maple        | 40    | 30 |                         | not significant  | Leaves green on top purple underneath.                        |
| <i>Aesculus x carnea</i><br>'Briotii'<br><br>Red Horsechestnut             | 30    | 35 | large 10'' red clusters | no               | Resists heat and drought better than other horsechestnuts.    |
| <i>Carpinus betulus</i><br>'Fastigiata'<br><br>Pyramidal European Hornbeam | 35    | 25 |                         | yellow           |   |
| <i>Fagus sylvatica</i><br>'Dawyck Purple'<br><br>Dawyck Purple Beech       | 40    | 12 |                         | no               | Purple foliage.   |
| <i>Betula jacquemontii</i><br><br>Jacquemontii Birch                       | 40    | 30 |                         | yellow           | White bark makes for good winter interest.                    |
| <i>Fraxinus oxycarpa</i><br>'Raywood'<br><br>Raywood Ash                   | 35    | 25 |                         | reddish purple   |   |
| <i>Fraxinus pennsylvanica</i>  | 45    | 35 |                         | yellow           | Extremely hardy, may be seedless                              |

|   |    |    |                       |                      |  |
|---|----|----|-----------------------|----------------------|--|
| 'Patmore'<br>Patmore Ash                                    |    |    |                       |                      |  |
| <i>Fraxinus americana</i><br><br>'Autumn Applause' Ash      | 40 | 25 |                       | purple               |  |
| <i>Fraxinus pennsylvanica</i><br><br>'Urbanite' Ash         | 50 | 40 |                       | deep bronze          |  |
| <i>Ginkgo biloba</i><br>'Autumn Gold'                       | 45 | 35 |                       | yellow               |  |
| <i>Ginkgo biloba</i><br>'Princeton Sentry'                  | 40 | 15 |                       | yellow               | Very narrow growth.                                |
| <i>Nothofagus antarctica</i><br><br>Southern Beech          | 50 | 35 |                       | none                 | Rugged twisted branching and petite foliage.       |
| <i>Oxydendron arboreum</i><br><br>Sourwood                  | 35 | 12 | white, not noticeable | red                  | Consistent and brilliant fall color.               |
| <i>Gleditsia triacanthos</i><br><br>Shademaster Honeylocust | 45 | 35 | not noticeable        | yellow               | Do not confuse with 'Sunburst'.                    |
| <i>Quercus</i><br>'Crimschmidt'<br><br>Crimson Spire Oak    | 45 | 15 |                       |                      | Hard to find.                                      |
| <i>Quercus illex</i><br><br>Holly Oak                       | 20 | 20 |                       |                      | Prune to keep small, leave it alone to grow large. |
| <i>Prunus sargentii</i><br><br>'Columnarus'                 | 35 | 15 | pink                  | orange to orange red | The cherry with the best fall color.               |



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|---|----|----|----------------|-----------|------------------------------|
| <i>Prunus cerasifera</i><br>'Thundercloud'<br>Plum                | 20 | 20 | light pink     |           | Dark purple foliage.         |
| <i>Tilia americana</i><br>'Redmond'                               | 35 | 20 | fragrant       | yellow    | Pyramidal, needs water.      |
| <i>Robinia x ambigua</i><br><br>'Idahoensis' Pink<br>Idaho Locust | 35 | 25 | rose pink      | yellow    | Fragrant flowers.            |
| <i>Tilia cordata</i><br>'Chancole'<br><br>Chancellor Linden       | 35 | 20 | not noticeable | yellow    | Pyramidal.                   |
| <i>Tilia cordata</i><br>'Greenspire'<br><br>Greenspire Linden     | 40 | 30 |                | yellowish | Symmetrical, pyramidal form. |

**Large Trees:** Not Appropriate Under Wires  
Good for Planting Strips Greater Than 5'

| Botanical name<br>Common Name                   | Height<br>in feet | Spread<br>in feet | Flowers | Fall<br>Color                  | Comments/Notes                  |
|---|-------------------|-------------------|---------|--------------------------------|---------------------------------|
| <i>Acer saccharum</i><br>'Bonfire'              | 50                | 40                |         | bright<br>orange<br>red        | Fastest growing<br>sugar maple. |
| <i>Acer saccharum</i><br>'Commemoration'        | 50                | 35                |         | orange<br>to<br>orange-<br>red | Resistant to leaf<br>tatter.    |
| <i>Acer saccharum</i><br>'Green Mountain'       | 45                | 35                |         | red to<br>orange               |                                 |
| <i>Cercidiphyllum japonicum</i><br>Katsura Tree | 40                | 40                |         | Yellow<br>to<br>orange         |                                 |

|  |     |    |                 |                       |                                    |
|--|-----|----|-----------------|-----------------------|------------------------------------|
| <i>Fagus sylvatica</i><br>Green Beech                          | 50  | 40 |                 | bronze                | Silvery-grey bark.                 |
| <i>Liriodendron tulipifera</i><br>Tulip Tree                   | 60  | 30 | yellow-greenish | yellow                | Fast-growing tree.                 |
| <i>Nothofagus antarctica</i><br>Southern Beech                 |     |    |                 |                       |                                    |
| <i>Nyssa sylvatica</i><br>Tupelo                               | 70+ | 20 | not noticeable  | Apricot to bright red | Handsomely chunky bark.            |
| <i>Platanus x acerifolia</i><br>'Liberty (Island)'             | 50  | 45 |                 | red                   |                                    |
| <i>Platanus x acerifolia</i><br>'Yarwood'<br>Yarwood Planetree | 50  | 40 |                 | yellow-brown          | High resistance to powdery mildew. |
| <i>Quercus bicolor</i><br>Swamp White Oak                      | 100 | 80 |                 | varies                | Shaggy peeling bark                |
| <i>Quercus palustris</i><br>"Crownright'                       | 80  | 40 |                 |                       | More upright form of Pin Oak.      |
| <i>Ulmus</i> 'Homestead'<br>Homestead Elm                      | 60  | 35 | not noticeable  | yellow                |                                    |
| <i>Ulmus</i> 'Pioneer'<br>Pioneer Elm                          | 60  | 50 | not noticeable  | yellow                | Resistant to Dutch elm disease.    |